

## FY01 Annual STP Update

### Background Volume

03/31/05

CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m <sup>3</sup> )	FY97 Changes in Covered Waste		Comments	3/98 Annual Update Volume (m <sup>3</sup> )	Projection FY98-FY02 (m <sup>3</sup> )
			Revision 5 (Other Changes) (m <sup>3</sup> )	Revision 6 (3/98 FY97 Annual Update Changes) <sup>b</sup> (m <sup>3</sup> )			
				Increased 0.02	Correction to Original STP Inventory as discussed in Revision 6.0		
None <sup>j</sup>	LA-W932 Explosives	0.00				0.00	0.0
None <sup>j</sup>	LA-W933 Lab Packs	0.13		Increased 0.003	Waste that was newly generated in FY96 that became covered waste in FY97	0.13	0.02
None	IPA Waste	0.00		Increased 0.0005 <sup>k</sup>  Decreased 0.0005 <sup>k</sup>	Omitted from original STP inventory as discussed in Rev. 6.0  Shipped for off-site treatment at commercial facility during FY97	0.00	0.0
None <sup>j</sup>	Missing/ nonexistent/ TBV category	0.00	Increased 0.2082 <sup>e</sup> 0.1047 <sup>m n</sup>  Increased 0.26 <sup>m</sup>  Increased 8.34 <sup>m</sup>			0.00	Not Applicable

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#### NOTES TO TABLE

<sup>a</sup> The covered waste volumes reported in Appendix B of the proposed Revision 6.0 include the volume changes in Revisions 4.0 and 5.0, approved by NMED in FY98 (December 29, 1997). Therefore, the volume changes in Revision 4.0 and 5.0 are not reflected in the FY97 STP *Annual Update* and are not included in this table. Because of this, the volumes in this table cannot be compared to the volumes reported in Appendix B. Also refer to *Note to Reader* in Section 2.1.1.

<sup>b</sup> These changes are the additional changes in FY 97 that were not previously reported in Rev. 5.0.

<sup>c</sup> One item from treatability group LA-W901 (*IPA wastes*) transferred to LA-W906 (*Aqueous Organic Liquids*) treatability group in Rev. 5.0 (also see footnote m).

<sup>d</sup> The final FY96 volume for most treatability groups is reported to two decimal places for consistency with the original STP inventory. The final FY96 LA-W902 volume is given as 0.0038m<sup>3</sup> (i.e., reported to four decimal places) in order to accurately report the presence of one small-volume waste item in this treatability group remaining in the LANL inventory at the end of FY96. This item was shipped off-site on December 18, 1996.

<sup>e</sup> Items of LA-W904 waste transferred to the category of *Missing/Nonexistent/TBV* in Rev. 5.0 (also see footnotes m and n).

<sup>f</sup> These are wastes that were generated in FY96 and became covered waste in FY97; they were included in the Revision 5 request to facilitate expedited treatment and disposal of these wastes.

<sup>g</sup> Items of LA-W930 waste transferred to the category of *Missing/Nonexistent/TBV* in Rev. 5.0 (also see footnote m).

<sup>h</sup> Items of LA-W929 waste transferred to the category of *Missing/Nonexistent/TBV* in Rev. 5.0 (also see footnote m).

<sup>i</sup> This treatability group (LA-W931, *Lead Requiring Sorting*) is not listed in the *Compliance Plan Volume*; however, it is discussed in section 3.4.3 of the *Background Volume*.

**FY01 Annual STP Update**  
**Background Volume**  
**03/31/05**

**Appendix C**  
**Reported STP MLLW Inventories FY98**  
**(Through Revision 7.0)**

**TABLE B-1. SUMMARY TABLE**  
**STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0**

CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
3.1.1	IP A Wastes	LA-W901-0	7	0.02	Decrease 7	Decrease 0.02					0	0.00	0	0.00
3.1.1	Scintillation Fluids	LA-W902-0	1	0.0038	Decrease 1	Decrease 0.0038					0	0.00	0	0.00
3.1.2	Lead Blankets	LA-W903-0	0	0.00							0	0.00	0	0.00
3.1.2	Soil with Heavy Metals	LA-W904-0	58	10.33 10.43 <sup>a</sup>	Decrease 6	Decrease 0.62 <sup>b</sup>					2	0.34		
					Decrease 2	Decrease 0.42 <sup>c</sup>								
		LA-W904-5	1	0.11							1	0.11	3	0.45
											0	0.00	0	0.00
3.1.2	ER Soils	LA-W905-0	0	0.00										
3.1.3	Aqueous Organic Liquids	LA-W906-0	45	1.65							45	1.65		
		LA-W906-4	27	0.36							27	0.36		
		LA-W906-5	101	8.88 8.31 <sup>d</sup>							101	8.31		
		LA-W906-6	0	0.00	Increase 88	Increase 5.74					88	5.74	261	16.06
3.1.4	Organic-Contaminated Combustible Solids	LA-W911-0	305	28.10	Increase 2	Increase 0.42 <sup>c</sup>					307	28.52	382	36.07

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CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
3.1.4	Organic-Contaminated Noncombustible Solids	LA-W911-4	33	0.68							33	0.68		
		LA-W911-5	40	6.87							40	6.87		
		LA-W911-6	0	0.00	Increase 1	Increase 0.0038					1	0.0038		
		LA-W911-7	0	0.00					Increase 1	Increase 0.001	1	0.001		
		LA-W919-0	79	7.71	Increase 1	Increase 0.11 <sup>e</sup>					80	7.82	227 231 234+2	27.31
3.1.5	Combustible Debris	LA-W919-4	9	0.38							9	0.38		
		LA-W919-5	89	10.53							89	10.53		
		LA-W919-6	0	0.00	Increase 49	Increase 8.58					49	8.58		
		LA-W919-7	0	0.00					Increase 4	Increase 0.002	4	0.002		
		LA-W912-0	83	13.82							83	13.82		
3.1.5	Activated or Inseparable Lead	LA-W912-4	9	0.75							9	0.75		
		LA-W912-5	5	0.28							5	0.28		
		LA-W912-6	0	0.00	Increase 6	Increase 0.32					6	0.32		
		LA-W912-7	0	0.00					Increase 2	Increase 0.0004	2	0.0004	403 105	15.17
		LA-W921-0	14	4.77	Decrease 1	Decrease 0.06 <sup>f</sup>			Increase 1	Decrease 0.208	11 12	2.99 3.20		
		LA-W921-5	18	3.35	Decrease	Decrease 1.72					14	2.52		

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CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
3.15	Non-combustible Debris	LA-W921-6	0	0.00	Increase 4	0.83					9	1.58	34 35	7.09 7.30
		LA-W922-0	41	5.62	Decrease 14	2.915					27	2.71		
		LA-W922-4	53	2.83							53	2.83		
		LA-W922-5	63	22.29	Decrease 3	0.62					60	21.67		
3.16	Aqueous Wastes with Heavy Metals	LA-W913-0	83	1.50							83	1.50		
		LA-W913-4	25	0.40							25	0.40		
		LA-W913-5	11	0.15							11	0.15		
		LA-W913-6	0	0.00	Increase 20	1.02					20	1.02	139	3.07
3.16	Corrosive Solutions	LA-W914-0	60	0.69							60	0.69		
		LA-W914-4	90	0.36							90	0.36		
		LA-W914-5	39	0.12							39	0.12		
		LA-W914-6	0	0.00	Increase 8	0.04					8	0.04	197	1.21
3.16	Aqueous Cyanides, Nitrates, Chromates, and Arsenates	LA-W915-0	9	0.13							9	0.13		
		LA-W915-4	3	0.002							3	0.002		
		LA-W915-5	11	0.04							11	0.04	23	0.17
3.17	Water-Reactive Wastes	LA-W916-0	78	6.03							78	6.03		
		LA-W916-4	26	0.31							26	0.31		
		LA-W916-5	4	0.03							4	0.03		
		LA-W916-6	0	0.00	Increase 5	0.68					5	0.68	113	7.05
3.18		LA-W917-0	13	0.35							13	0.35		

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CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (Including Rev. 7 changes)	
			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
	Compressed Gases Requiring Scrubbing	LA-W917-7	0	0.00					Increase 12	Increase 0.28	12	0.28	+3 25	0.35 0.63
3.1.9	Compressed Gases Requiring Oxidation	LA-W918-0	6	0.08							6	0.08		
		LA-W918-4	168	1.23							168	1.23		
		LA-W918-5	2	0.01							2	0.01		
		LA-W918-6	0	0.00	Increase 1	Increase 0.0002					1	0.0002		
		LA-W918-7	0	0.00					Increase 15	Increase 0.46	15	0.46	+77 192	+32 1.78
3.1.10	Elemental Mercury	LA-W920-0	45	0.50							45	0.50		
		LA-W920-4	20	0.02							20	0.02		
		LA-W920-5	9	0.02							9	0.02		
		LA-W920-6	0	0.00	Increase 5	Increase 0.12					5	0.12	79	0.66
3.1.11	Halogenated Organic Liquids	LA-W907-0	384	16.58	Decrease 3	Decrease 0.0076					381	16.57		
		LA-W907-4	97	1.05							97	1.05		
		LA-W907-5	31	0.49							31	0.49		
		LA-W907-6	0	0.00	Increase 16	Increase 0.15					16	0.15		
		LA-W907-7	0	0.00					Increase 12	Increase 0.04	12	0.04	525 537	48.26 18.30
3.2.1 3.1.11	Nonhalogenated Organic Liquids	LA-W908-0	275	14.34	Increase 0 <sup>g</sup>	Increase 0.076					271	13.82		

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			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
					Decrease 4	Decrease 0.49								
					Decrease 0 <sup>b</sup>	Decrease 0.11								
		LA-W908-4	409	3.38							409	3.38		
		LA-W908-5	130	2.91							130	2.91		
		LA-W908-6	0	0.00	Increase 33	Increase 0.09					33	0.09		
		LA-W908-7							Increase 56	Increase 0.02	56	0.02	843	20.20
											899	20.22		
3.2.4 3.1.11	Bulk Oils	LA-W909-0	28	3.75	Increase 0 <sup>i</sup>	Increase 0.47					5	2.00		
					Decrease 23	Decrease 2.22								
		LA-W909-4	8	1.48							8	1.48		
		LA-W909-5	28	2.28							28	2.28		
		LA-W909-6	0	0.00	Increase 4	Increase 0.05					4	0.05	45	5.81
3.2.4 3.1.11	PCB Wastes with RCRA Components	LA-W910-0	4	0.74	Increase 6	Increase 0.62 <sup>b</sup>					10	1.36		
		LA-W910-6	0	0.00	Increase 30	Increase 1.39					30	1.39	40	2.75
3.2.4 3.1.11	Liquid and Solid Oxidizers	LA-W923-0	6	0.117							6	0.117		
		LA-W923-4	67	0.145							67	0.145		
		LA-W923-5	13	0.317							13	0.317		
		LA-W923-6	0	0.00	Increase 7	Increase 0.795					7	0.795	93	1.37
3.3 3.2 3.3	Lead Waste - TBD	LA-W924-0	129	40.16							129	40.16	129	40.16
	Mercury	LA-W925-0	63	18.30							63	18.30		

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CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
3.2	Wastes - TBD	LA-W925-4	37	0.42							37	0.42		
		LA-W925-5	14	1.52							14	1.52		
		LA-W925-6	0	0.00	Increase 23	Increase 0.67					23	0.67	137	20.91
3.3 3.2	Compressed Gases - TBD	LA-W926-0	10	1.25							10	1.25	10	1.25
3.3 3.2	Biochemical Laboratory Wastes	LA-W927-0	9	1.34							9	1.34	9	1.34
3.3 3.2	Dewatered Treatment Sludge	LA-W928-0	61	12.71							61	12.71	61	12.71
3.3 3.2	Explosives	LA-W932-0	0	0.00							0	0.00		
		LA-W932-4	1	0.000001							1	0.000001	1	0.000001
3.3 3.2	Lab Packs	LA-W933-0	0	0.00							0	0.00		
		LA-W933-4	114	0.17							114	0.17		
		LA-W933-5	28	0.13							28	0.13		
		LA-W933-6	0	0.00	Increase 6	Increase 0.003	Increase 1	Increase 0.00002 <sup>j</sup>			7	0.003		
		LA-W933-7	0	0.00					Increase 4	Increase 0.002	4	0.002	449 153	0.30
3.4.1 3.3.1	Lead for Surface Decontamination	LA-W930-0	36	33.43	Decrease 1	Decrease 0.11 <sup>k</sup>			Increase 0 <sup>g</sup> Decrease 1	Increase 0.095 Decrease 0.208	23 22	26.27 26.16		

**TABLE B-1. SUMMARY TABLE**  
**STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0**

CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/S)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
			Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)	Items	Volume (m³)
		LA-W930-5	115	23.75	Decrease 1	Decrease 0.21 <sup>k</sup>					111	22.92		
		LA-W930-6	0	0.00	Increase 14	Increase 12.06					14	12.06	+48 147	61.25 61.14
3.4.2 3.3.2	Nonradioactive or Suspect Waste Items to be Surveyed	LA-W929-0	2	0.0076	Decrease 2	Decrease 0.0076					0	0.00		
		LA-W929-5	1	0.00002			Decrease 1	Decrease 0.00002 <sup>j</sup>			0	0.00	0	0.00
None <sup>l</sup> 3.3.3	Lead Requiring Sorting	LA-W931-0	23	4.76	Decrease 23	Decrease 4.78					0	0.00		
		LA-W931-5	8	0.44		Increase 0 <sup>m</sup>					8	0.44		
		LA-W931-6	0	0.00	Increase 4	Increase 0.64					4	0.64	12	1.08
None <sup>n</sup>	IPA	None	0	0.00	Increase 1	Increase 0.0005 <sup>n</sup>					0	0.00	0	0.00

\*

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CPV Section	Category	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Invento (including Rev. changes)	
			Items	Volume (m <sup>3</sup> )	Items	Volume (m <sup>3</sup> )	Items	Volume (m <sup>3</sup> )	Items	Volume (m <sup>3</sup> )	Items	Volume (m <sup>3</sup> )	Items	Volume (m <sup>3</sup> )
3.5 3.4	Missing/ nonexistent/ TBV	NONE (Revision 5)	48	8.81					0	Decrease0 .00095 <sup>p</sup>	48	8.81	48	8

**NOTES:**

<sup>a</sup> This correction in LA-W904 volume arises from an error in the Appendix B in Revision 4/5 as discussed in Revision 6.0.

<sup>b</sup> This transfer of LA-W904 waste to LA-W910 was approved by NMED on September 18, 1997 as discussed in Revision 6.0.

<sup>c</sup> This transfer of LA-W904 waste to LA-W911 was approved by NMED on September 18, 1997 as discussed in Revision 6.0.

<sup>d</sup> This correction in LA-W906 volume arises from an error in the Appendix B in Revision 4/5 as discussed in Revision 6.0.

<sup>e</sup> The volume increase arises from the return of unused treatability study sample. It has been returned to the original inventory of LA-W919 (subgroup -0) consistent with the inventory

subgroup from which the sample was removed.

<sup>f</sup> These 5 items in subgroups LA-W921-0 and -5 (0.89 m<sup>3</sup> total) were shipped on December 9, 1996 as discussed in DOE's letter dated December 24, 1996.

<sup>g</sup> This increase in LA-W908 volume arises from an error in the original STP inventory data as discussed in Revision 6.0.

<sup>h</sup> This decrease in LA-W908 volume arises from an error in the original STP inventory data as discussed in Revision 6.0.

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- i This correction in LA-W909 volume arises from an error in Appendix B in Revision 4/5 as discussed in Revision 6.0.
- j This transfer of LA-W929 waste to LA-W933 is discussed in Revision 6.0.
- k The shipment of  $0.32 \text{ m}^3$ , as reported in the FY97 STP Annual Update, consisted of 1 item ( $0.11 \text{ m}^3$ ) from subgroup LA-W930-0 and 1 item ( $0.21 \text{ m}^3$ ) from subgroup -5. The shipment of  $0.97 \text{ m}^3$ , as reported in the FY97 STP Annual Update, consisted of 4 items ( $0.35 \text{ m}^3$ ) from subgroup -0 and 3 items ( $0.62 \text{ m}^3$ ) from subgroup -5.
- l This treatability group (LA-W931, Lead Requiring Sorting) is not listed in the CPV; however it is discussed in section 3.4.3 of the Background Volume.
- m This increase in LA-W931 volume arises from an error in the original STP inventory data as discussed in Revision 6.0.
- n This item of isopropyl alcohol waste was not included in the original STP inventory and it was shipped for treatment as discussed in DOE's letter dated January 9, 1997.
- o The increase in volume without increasing the number of items results from an error in the original STP inventory data as discussed in Revision 7.0.
- p Item found as discussed in Revision 7.0.

**FY04 Annual STP Update**

**Background Volume**

**3/31/05**

**Appendix D**

**Reported STP MLLW Inventories FY98**

**(Through Revision 9.0)**

**FY04 Annual STP Update**  
**Background Volume**  
**3/31/05**

**Table 2.1-2. FY98 MLLW Inventory Detailed Update by Treatability Group.**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/98 Annual Update (m <sup>3</sup> )	Revision 7.0 (m <sup>3</sup> )	Proposed Revision 9.0 (m <sup>3</sup> )	Comments	FY98 Annual Update (m <sup>3</sup> )	Projection FY99-FY03 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.55*	0.45			0.45	0.00
3.1.2	LA-W905 ER Soils	0.00	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	15.70	16.06	(2.91) (3.92) 0.02 0.001	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	9.25	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	35.39	36.07	(3.54) (0.0001) 0.64 0.12	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	33.29	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	26.93	27.31	(6.45) 1.59	Shipped off-site for treatment Newly generated	22.45	0.00
3.1.5	LA-W912 Combustible Debris	14.42	15.17	(0.00005)	Shipped off-site for treatment	15.17	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	7.10	7.30	(0.21)** (0.32) 0.11	On-site Lead Decon Transferred to LA-W910 Administrative adjustments	6.88	0.00
3.1.5	LA-W922 Noncombustible Debris	33.63	36.46	(2.02) (0.008) 5.40 0.63	Treatability Study Treatability Study Newly generated Administrative adjustments	40.46	0.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	2.67	3.07	(0.004) 1.33	Shipped off-site for treatment Newly generated	4.40	0.00
3.1.6	LA-W914 Corrosive Solutions	0.85	1.21	(0.00003)	Treatability Study Newly generated Administrative adjustments	1.23	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.17	0.17	(0.14) 0.91	Treatability Study Newly generated	0.94	0.00
3.1.7	LA-W916 Water-Reactive Wastes	6.74	7.05	(5.70) (0.22) 0.05 0.42 (0.11)	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments Transferred to LA-W908	1.49	0.00
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	0.63	(0.28)	Treatability Study	0.35	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.09	1.78	(0.05) 0.006	Treatability Study Administrative adjustments	1.74	0.00
3.1.10	LA-W920 Elemental Mercury	0.64	0.66	(0.02) 0.002	Treatability Study Newly generated	0.64	0.00
3.1.11	LA-W907 Halogenated Organic Liquids	17.21	18.30	(4.97) (6.94) 0.02 0.21	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	6.62	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.82	20.22	(1.87) (1.65) (0.71) (0.001)	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Treatability Study	16.56	0.00

**FY04 Annual STP Update**

**Background Volume**

**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/98 Annual Update (m <sup>3</sup> )	Revision 7.0 (m <sup>3</sup> )	Proposed Revision 9.0 (m <sup>3</sup> )	Comments	FY98 Annual Update (m <sup>3</sup> )	Projection FY99-FY03 (m <sup>3</sup> )
				0.41 0.06 (0.01) 0.11	Newly generated Administrative adjustments Transferred to missing Transferred from LA-W916		
3.1.11	LA-W909 Bulk Oils	4.33	5.81	(1.08) 0.42	Shipped off-site for treatment Newly generated	5.15	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	2.75	2.75	0.10 0.32 0.02	Newly generated Transferred from LA-W921 Transferred from LA-W924	3.19	20.00
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.23	1.37	(0.001)	Shipped off-site for treatment	1.37	0.00
3.2	LA-W924 Lead Wastes - TBD	40.16	40.16	(2.5) (10.54) (5.52) (0.003) (2.82) 0.10 (0.02)	Shipped off-site for treatment Shipped off-site for treatment Off-site Recycle On-site Decon Transferred to missing Administrative adjustments Transferred to LA-W910	18.86	0.00
3.2	LA-W925 Mercury Wastes - TBD	20.49	20.91	(14.49)	Shipped off-site for treatment	6.42	0.00
3.2	LA-W926 Compressed Gases – TBD	1.25	1.25	(1.06)	Treatability Study	0.19	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	1.34			1.34	0.00
3.2	LA-W928 Dewatered-Treatment Sludge	12.71	12.71			12.71	0.00
3.2	LA-W932 Explosives	0.00	0.000001			0.000001	0.00
3.2	LA-W933 Lab Packs	0.13	0.30	(0.001) 0.009	Treatability Study Administrative adjustment	0.31	0.00
3.3.1	LA-W930 Lead for Surface Decontamination	69.38	61.14	(4.99) (6.66) (0.68) (0.09) (2.08) (4.58) (4.25)	Off-site Recycle Off-site Recycle On-site Decon On-site Decon On-site Decon On-site Decon On-site Decon	37.81	0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.06	1.08			1.08	0.00
3.4	Missing/ nonexistent/ TBV category	0.00	8.81	0.01 2.82	Transferred from LA-W908 Transferred from LA-W924	11.64	Not Applicable

\*Volume was reported incorrectly as 0.00 cubic meters in FY97 Annual Update.

\*\*Item was successfully decontaminated on 8/23/95 in the on-site decontamination operation, but was not previously reported.

**Appendix E**  
**Reported STP MLLW Inventories**  
**(1) FY99 Update**  
**(2) Revision 10.0 Final**

## FY04 Annual STP Update

### Background Volume

3/31/05

#### (1) FY99 MLLW Inventory Detailed Update by Treatability Group.

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m³)	Proposed Revision 10.0 (m³)	Comments	FY99 Annual Update (m³)	Projection FY99-FY03 (m³)
3.1.1	LA-W901 IPA Wastes	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.45	(0.45) 0.68	Shipped off-site for treatment Newly generated	0.68	0.00
3.1.2	LA-W905 ER Soils	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	9.25	(0.01) (1.09) (0.15) (2.18) (2.74) (0.95) (0.01) (0.0005) 0.34	Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	2.46	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.29	(0.75) (0.004) (0.01) (0.001) (0.006) 0.75	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	33.27	3.20
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	22.45	(2.44) (0.95) (0.42) 4.92	Shipped off-site for treatment Shipped off-site for treatment SSD Project Newly generated	23.56	7.95
3.1.5	LA-W912 Combustible Debris	15.17	(0.003) 0.11 (0.11)	SSD Project Newly generated Transfer to LA-W916	15.17	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	6.88	(0.63) (0.23) (0.23) (2.6) 0.63	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for recycling Newly generated	3.82	0.00
3.1.5	LA-W922 Noncombustible Debris	40.46	(5.49) (4.79) (0.64) (0.11) (1.21) (1.003) (3.45) (2.75) (3.05) (0.0009) (0.21) (0.009) 2.25	Shipped off-site for treatment Shipped off-site for recycling SSD Project Transfer to Missing Transfer to LA-W917 Newly generated	20.00	27.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	4.40	(0.14) 0.98	SSD Project Newly generated	5.24	6.65
3.1.6	LA-W914 Corrosive Solutions	1.23	(0.008) (0.006) 0.03	SSD Project SSD Project Newly generated	1.25	0.05
3.1.6	LA-W915 Aqueous Cyanides,	0.94	0.0007	Newly generated	0.94	4.55

**FY04 Annual STP Update**  
**Background Volume**  
**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m <sup>3</sup> )	Proposed Revision 10.0 (m <sup>3</sup> )	Comments	FY99 Annual Update (m <sup>3</sup> )	Projection FY99-FY03 (m <sup>3</sup> )
	Nitrates, Chromates, and Arsenates					
3.1.7	LA-W916 Water-Reactive Wastes	1.49	(0.0004) 0.52 0.11	SSD Project Newly generated Transferred from LA-W912	2.12	0.25
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	(0.07) 0.009 0.01	Treatability study Transferred from LA-W922 Newly generated	0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.74	(0.03) (0.02) (0.005) 0.04	Treatability study SSD Project SSD Project Newly generated	1.73	0.00
3.1.10	LA-W920 Elemental Mercury	0.64	0.006 0.0000	Newly generated Transfer to Missing	0.65	0.01
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	(3.21) (0.004) (0.72) (0.25) (0.99) (0.0005) 0.007	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	1.45	0.1
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	(4.89) (0.56) (1.94) (0.99) (0.0005) (0.49) (0.5) (0.06) 0.49	Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	7.62	2.05
3.1.11	LA-W909 Bulk Oils	5.15	(0.001) (0.83) 0.84	Shipped off-site for treatment SSD Project Newly generated	5.16	2.1
3.1.11	LA-W910 PCB Wastes with F Components	3.19	0.0003	Newly generated	3.19	0.5
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	(0.007) 0.01	SSD Project Newly generated	1.37	0.00
3.2	LA-W924 Lead Wastes – TBD	18.86	(0.62) (0.34)	Shipped off-site for treatment Shipped off-site for recycling	17.90	0.00
3.2	LA-W925 Mercury Wastes – TBD	6.42 2.61*	(0.007) (0.23) (0.003) 0.01 0.001	Treatability study Treatability study SSD Project Newly generated Transfer to Missing	6.19 2.61	1.4
3.2	LA-W926 Compressed Gases – TBD	0.19			0.19	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	(1.34)	Shipped off-site for treatment	0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	12.71	(4.16)	Shipped off-site for treatment	8.55	0.00
3.2	LA-W932 Explosives	0.000001	0.000001	On-site Recycle	0.00	0.00
3.2	LA-W933 Lab Packs	0.31	(0.03)	SSD Project	0.28	0.00

**FY04 Annual STP Update**

**Background Volume**

3/31/05

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m³)	Proposed Revision 10.0 (m³)	Comments	FY99 Annual Update (m³)	Projection FY99-FY03 (m³)
3.3.1	LA-W930 Lead for Surface Decontamination	37.81	(0.84) (1.74) (0.28) (3.23) (0.56) (10.76) (1.78) (2.29) (11.42)  (0.66)	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for recycling Shipped off-site for recycling Shipped off-site for recycling Shipped off-site for recycling On-Site lead decon On-Site lead decon Approved for transfer to MTRU (Amendment 3.0) Administrative Adjustment	4.25	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00			0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.08			1.08	0.00
3.4	Missing/ nonexistent/ TBV category	11.64	0.21 0.001 0.0000	Transferred from LA-W922 Transferred from LA-W925 Transferred from LA-W920	11.85	Not Applicable
	<b>TOTALS</b>	<b>261.99 2.61*</b>	<b>(81.74)</b>		<b>182.88</b>	

**(2) Revision 10.0 Final**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m³)	Proposed Revision 10.0 (m³)	FY99 Annual Update (m³)	FINAL Revision 10.0 (m³)	Totals after FINAL Rev 10
3.1.1	LA-W901 IPA Wastes	0.00		0.00		0.00
3.1.1	LA-W902 Scintillation Fluids	0.00		0.00		0.00
3.1.2	LA-W903 Lead Blankets	0.00		0.00		0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.45	(0.45) 0.68	0.68		0.68
3.1.2	LA-W905 ER Soils	0.00		0.00		0.00
3.1.3	LA-W906 Aqueous Organic Liquids	9.25	(0.01) (1.09) (0.15) (2.18) (2.74) (0.95) (0.01)	2.46		2.46

**FY04 Annual STP Update**  
**Background Volume**  
**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m <sup>3</sup> )	Proposed Revision 10.0 (m <sup>3</sup> )	FY99 Annual Update (m <sup>3</sup> )	FINAL Revision 10.0 (m <sup>3</sup> )	Totals after FINAL Rev 10
			(0.0005) 0.34			
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.29	(0.75) (0.004) (0.01) (0.001) (0.006) 0.75	33.27	(0.2) 0.11 (0.11) 0.4	33.47
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	22.45	(2.44) (0.95) (0.42) 4.92	23.56	0.08 (0.08)	23.56
3.1.5	LA-W912 Combustible Debris	15.17	(0.003) 0.11	15.28		15.28
3.1.5	LA-W921 Activated or Inseparable Lead	6.88	(0.63) (0.23) (0.23) (2.6) 0.63	3.82		3.82
3.1.5	LA-W922 Noncombustible Debris	40.46	(5.49) (4.79) (0.64) (0.11) (1.21) (1.003) (3.45) (2.75) (3.05) (0.0009) (0.21) (0.009) 2.25	20.00	(0.34) (0.00004) (0.001) (0.01) (0.11)	19.54
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	4.40	(0.14) 0.98	5.24		5.24
3.1.6	LA-W914 Corrosive Solutions	1.23	(0.008) (0.006)	1.25		1.25

**FY04 Annual STP Update**

**Background Volume**

**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m <sup>3</sup> )	Proposed Revision 10.0 (m <sup>3</sup> )	FY99 Annual Update (m <sup>3</sup> )	FINAL Revision 10.0 (m <sup>3</sup> )	Totals after FINAL Rev 10
			0.03			
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.94	0.0007	0.94	0.00004	0.94
3.1.7	LA-W916 Water-Reactive Wastes	1.49	(0.0004) 0.52	2.01	0.34	2.35
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	(0.07) 0.009 0.01	0.30		0.30
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.74	(0.03) (0.02) (0.005) 0.04	1.73		1.73
3.1.10	LA-W920 Elemental Mercury	0.64	0.006	0.65		0.65
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	(3.21) (0.004) (0.72) (0.25) (0.99) (0.0005) 0.007	1.45	0.59 (0.59) 0.02 (0.2)	1.45
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	(4.89) (0.56) (1.94) (0.99) (0.0005) (0.49) (0.5) (0.06) 0.49	7.62	0.11 (0.11)	7.62
3.1.11	LA-W909 Bulk Oils	5.15	(0.001) (0.83) 0.84	5.16	0.28 (0.28) 0.38	5.54
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.19	0.0003	3.19		3.19

FY04 Annual STP Update

## Background Volume

3/31/05

CPV Sec	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m³)	Proposed Revision 10.0 (m³)	FY99 Annual Update (m³)	FINAL Revision 10.0 (m³)	Totals after FINAL Rev 10
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	(0.007) 0.01	1.37	(.05)	1.32
3.2	LA-W924 Lead Wastes – TBD	18.86	(0.62) (0.34)	17.90	(4.79)	13.11
3.2	LA-W925 Mercury Wastes – TBD	6.42 2.61*	(0.007) (0.23) (0.003) 0.01	6.19 2.61	0.01	6.19 2.62
3.2	LA-W926 Compressed Gases – TBD	0.19		0.19	(0.19)	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	(1.34)	0.00		0.00
3.2	LA-W928 Dewatered Treatment Sludge	12.71	(4.16)	8.55		8.55
3.2	LA-W932 Explosives	0.000001	0.000001	0.00		0.00
3.2	LA-W933 Lab Packs	0.31	(0.03)	0.28	0.001 0.05	0.33
3.2	LA-W934 High Activity Waste				0.11 4.79 0.19 0.01	5.1
3.3.1	LA-W930 Lead for Surface Decontamination	37.81	(0.84) (1.74) (0.28) (3.23) (0.56) (10.76) (1.78) (2.29) (11.42) (0.66)	4.25		4.25
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00		0.00		0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.08		1.08	(0.11)	0.97

**FY04 Annual STP Update****Background Volume****3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY98 Annual Update (m <sup>3</sup> )	Proposed Revision 10.0 (m <sup>3</sup> )	FY99 Annual Update (m <sup>3</sup> )	FINAL Revision 10.0 (m <sup>3</sup> )	Totals after FINAL Rev 10
3.4	Missing/ nonexistent/ TBV category	11.64	0.21	11.85	0.2 0.11	12.16
	<b>TOTALS</b>	<b>261.99</b> <b>2.61*</b>	<b>(81.74)</b>	<b>182.88</b>		<b>183.67</b>

\*Omitted from FY98 Update by mistake.

**Appendix F**  
**Reported STP MLLW Inventories**  
**FY00 Update**

**FY04 Annual STP Update  
Background Volume  
3/31/05**

**FY00 MLLW Inventory Detailed Update by Treatability Group**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY99 Annual Update (m³)	Proposed Revision 10.0 (m³)	Proposed Revision 11.0 (m³)	Comments	FY00 Annual Update (m³)	Projection FY00-FY04 (m³)
3.1.1	LA-W901 IPA Wastes	0.00	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.68	0.68			0.68	0.00
3.1.2	LA-W905 ER Soils	0.00	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	2.46	2.46	(0.33) (0.02) (0.21) (0.42) (0.21) (0.59)	Shipped to DSSI 12/17/99 Shipped to DSSI 12/17/99 Shipped to WCS 1/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00	0.68	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.27	33.47	(0.38) (0.21) (0.04) (0.62) (0.11) (2.08) 0.11 0.11	Shipped to Perma-Fix 2/25/00 Shipped to ATG 3/31/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 7/25/00 Shipped to ATG 7/26/00 Administrative Adjustment Newly Generated	30.25	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	23.56	23.56	(0.00) (0.001) (0.08) 0.08	Shipped to DSSI 12/17/99 Shipped to DSSI 3/28/00 Shipped to ATG 5/31/00 Administrative Adjustment	23.56	0.00
3.1.5	LA-W912 Combustible Debris	15.17	15.28	(0.002) (13.49) (0.23) (1.34) (0.11) (0.11)	Shipped to DSSI 12/17/99 Shipped to ATG 3/31/00 Shipped to ATG 5/31/00 Shipped to Envirocare 6/27/00 Shipped to ATG 7/26/00 Administrative Adjustment	0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	3.82	3.82	(0.74) (0.63) (2.61) (0.0006) 0.16	Shipped to ATG 5/31/00 Shipped to Envirocare 6/27/00 Shipped to Envirocare 6/27/00 Shipped to ATG 7/26/00 Administrative Adjustment	0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	20.00	19.54	(1.19) (2.03) (13.95) (0.22) (0.80) (0.70) (0.0002) (0.65)	Shipped to ATG 5/31/00 Shipped to Envirocare 6/27/00 Shipped to Envirocare 6/27/00 Shipped to ATG 7/26/00 Shipped to ATG 7/26/00 Shipped to GTS 8/1/00 Shipped to GTS 8/1/00 Administrative Adjustment	0.00	0.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	5.24	5.24	(0.0002) (0.005) (0.09) (0.83) (2.20) (0.37) (0.14)	Shipped to DSSI 12/17/99 Shipped to WCS 1/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment	1.60	0.00
3.1.6	LA-W914 Corrosive Solutions	1.25	1.25	(0.0004) (0.29) (0.00)	Shipped to WCS 1/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 3/28/00	0.62	0.00

**FY04 Annual STP Update**  
**Background Volume**  
**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY99 Annual Update (m³)	Proposed Revision 10.0 (m³)	Proposed Revision 11.0 (m³)	Comments	FY00 Annual Update (m³)	Projection FY00-FY04 (m³)
				(0.11) (0.23) (0.002)	Shipped to DSSI 6/27/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment		
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.94	0.94	(0.002) (0.48)	Shipped to Perma-Fix 9/14/00 Administrative Adjustment	0.46	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.12	2.35	(0.00) 0.11 0.0005	Shipped to ATG 7/26/00 Administrative Adjustment Newly Generated	2.44	0.00
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.73	1.73			1.73	0.00
3.1.10	LA-W920 Elemental Mercury	0.65	0.65	(0.21) (0.002) (0.05)	Shipped to ATG 7/26/00 Shipped to BNL 9/25/00 Shipped to BNL 9/25/00	0.39	0.01
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	1.45	(0.60) (0.08) (0.02) (0.0001) (0.02) 0.02 (0.02)	Shipped to DSSI 12/17/99 Shipped to Perma-Fix 2/25/00 Shipped to Perma-Fix 2/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Administrative Adjustment Administrative Adjustment	0.73	0.1
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	7.62	(0.46) (0.005) (0.04) (0.34) (0.08) (0.11) (0.05) (0.12) (0.90) 0.11	Shipped to DSSI 12/17/99 Shipped to Perma-Fix 2/25/00 Shipped to Perma-Fix 2/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment	5.62	0.00
3.1.11	LA-W909 Bulk Oils	5.15	5.54	(1.11) (0.40) (0.25) (0.83) (0.62) 0.25 0.21	Shipped to DSSI 12/17/99 Shipped to DSSI 3/28/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Administrative Adjustment Newly Generated	2.79	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.19	3.19	(0.06) 0.02 0.81	Shipped to DSSI 3/28/00 Newly generated Administrative Adjustment	3.96	0.5
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	1.32	(0.0007)	Shipped to Perma-Fix 9/14/00	1.32	0.00
3.2	LA-W924 Lead Wastes – TBD	18.86	13.11	(8.52) 0.66	Shipped to GTS 9/19/00 Newly Generated	5.25	0.00
3.2	LA-W925 Mercury Wastes – TBD	6.42 2.61*	6.19 2.62	(0.01) (2.61)	Shipped to BNL 9/25/00 Administrative Adjustment	6.19	1.4
3.2	LA-W926 Compressed Gases – TBD	0.19	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment	12.71	8.55	(8.55)	Proposed for Deletion	0.00	0.00

**FY04 Annual STP Update**

**Background Volume**

**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY99 Annual Update (m³)	Proposed Revision 10.0 (m³)	Proposed Revision 11.0 (m³)	Comments	FY00 Annual Update (m³)	Projection FY00-FY04 (m³)
	Sludge						
3.2	LA-W932 Explosives	0.000001	0.00	0.004	Newly Generated	0.004	0.00
3.2	LA-W933 Lab Packs	0.31	0.33	(0.001) (0.02) (0.0001) (0.003) (0.00001) 0.21 0.48	Shipped to DSSI 12/17/99 Shipped to ATG 3/31/00 Shipped to ATG 7/26/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment Newly Generated Administrative Adjustment	1.00	0.00
3.2	LA-W934 High Activity Waste	0.00	5.1			5.1	
3.3.1	LA-W930 Lead for Surface Decontamination	37.81	4.25	(4.25)	Shipped to TA-50 11/15/99	0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00			0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.08	0.97	(0.02)	Shipped to ATG 3/31/00	0.95	0.00
3.4	Missing/ nonexistent/ TBV category	11.85	12.16	(0.0002) (0.0005) (0.14)	Shipped to DSSI 3/28/00 Shipped to ATG 3/31/00 Shipped to Perma-Fix 9/14/00	12.02	N/A
	<b>TOTALS</b>	<b>182.88</b>	<b>183.67</b>	<b>(76.01)</b>		<b>107.66</b>	

**Appendix G**  
**Reported STP MLLW Inventories**  
**FY01 Update**

FY04 Annual STP Update

Background Volume

3/31/05

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY00 Annual Update (m <sup>3</sup> )	Proposed Revision 12.0 (m <sup>3</sup> )	Comments	FY01 Annual Update (m <sup>3</sup> )	Projection FY01-FY05 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.68	(0.68)	Shipped to WCS 6/25/01	0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68			0.68	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	30.25	(8.52) (2.66) (1.38) (3.65) (1.92) 5.01	Shipped to ATG 10/31/00 Shipped to ATG 2/12/01 Shipped to DSSI 3/1/01 Shipped to Perma-Fix 7/31/01 Shipped to Perma-Fix 9/27/01 Administrative Adjustment	17.13	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	23.56	(2.72) (1.27) (6.05) (0.85)	Shipped to WCS 7/30/01 Shipped to Perma-Fix 9/12/01 Shipped to Perma-Fix 9/27/01 Administrative Adjustment	12.67	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00			0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	0.00	(0.21) 0.21 1.31	Shipped to WCS 6/25/01 Administrative Adjustment Newly Generated	1.31	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	1.60	(0.002) (1.42) (0.18)	Shipped to Envirocare 4/14/01 Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.62	(0.38) (0.24)	Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.46	(0.92) 0.46	Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.44	(0.00001) 0.25 0.0047	Shipped to WCS 5/7/01 Administrative Adjustment Newly Generated	2.69	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.73	0.21	Administrative Adjustment	1.94	0.00
3.1.10	LA-W920 Elemental Mercury	0.39	0.05	Administrative Adjustment	0.44	0.01

**FY04 Annual STP Update**  
**Background Volume**  
**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY00 Annual Update (m³)	Proposed Revision 12.0 (m³)	Comments	FY01 Annual Update (m³)	Projection FY01-FY05 (m³)
3.1.11	LA-W907 Halogenated Organic Liquids	0.73	(0.55)	Administrative Adjustment	0.18	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	5.62	(0.19) (4.49)	Shipped to Perma-Fix 7/31/01 Administrative Adjustment	0.94	0.00
3.1.11	LA-W909 Bulk Oils	2.79	0.36 (1.07)	Newly Generated Administrative Adjustment	2.08	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.96	1.85	Administrative Adjustment	5.81	2.0
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.32	(0.08)	Administrative Adjustment	1.24	0.00
3.2	LA-W924 Lead Wastes – TBD	5.25	(3.06) (1.51)	Shipped to GTS 12/12/00 Shipped to Envirocare 12/12/00	0.68	0.00
3.2	LA-W925 Mercury Wastes – TBD	6.19	(2.70) 3.24 0.38	Shipped to GTS 7/27/01 Administrative Adjustment Newly Generated	7.11	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives	0.004	0.0002	Administrative Adjustment	0.0042	0.00
3.2	LA-W933 Lab Packs	1.00	1.65 0.043	Administrative Adjustment Newly Generated	2.7	2.00
3.2	LA-W934 High Activity Waste	5.1	0.112	Administrative Adjustment	5.21	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.95	(0.83) (0.12)	Shipped to Envirocare 12/12/01 Administrative Adjustment	0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.02	0.01	Administrative Adjustment	12.03	N/A
	<b>TOTALS</b>	<b>107.64</b>	<b>(32.5)</b>		<b>75.14</b>	

**FY04 Annual STP Update**

**Background Volume**

**3/31/05**

**Appendix H**  
**Reported STP MLLW Inventories**  
**FY02 Update**

## **FY04 Annual STP Update Background Volume 3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY01 Annual Update (m <sup>3</sup> )	Proposed Revision 13.0 (m <sup>3</sup> )	Comments	FY02 Annual Update (m <sup>3</sup> )	Projection FY02-FY06 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	17.13	(0.44) (0.22) (0.47) Rec (0.17) (4.94) (8.52) (0.91) (1.22) (0.11) (0.13)	Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 1/31/02 Shipped to Duratek 1/30/02 Shipped to M&EC 2/14/02 Shipped to Perma-Fix 2/13/02 Shipped to Perma-Fix 2/13/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 6/18/02t Administrative Adjustment	0.00	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	12.67	(0.00) (1.30) (0.02) (4.88) (0.39) (3.94) (2.12) (0.02)	Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 1/31/02 Shipped to M&EC 2/14/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 2/14/02 Administrative Adjustment	0.00	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00			0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	1.31	(0.13) (0.74) (0.84) 0.40	Shipped to Perma-Fix 6/18/02 Shipped to Perma-Fix 7/23/02 Shipped to Envirocare 8/27/02 Administrative Adjustment	0.00	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0.00			0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.00			0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides,	0.00			0.00	0.00

**FY04 Annual STP Update  
Background Volume  
3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY01 Annual Update (m <sup>3</sup> )	Proposed Revision 13.0 (m <sup>3</sup> )	Comments	FY02 Annual Update (m <sup>3</sup> )	Projection FY02-FY06 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68 (0.32) (0.95) 0.58	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
	Nitrates, Chromates, and Arsenates					
3.1.7	LA-W916 Water-Reactive Wastes	2.69  (0.00)  (0.00)		Shipped to Perma-Fix 2/14/02 Shipped to M&EC 8/26/02	2.69	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.94  (0.53) Rec  (0.00)		Onsite Recycling 6/6/02 Shipped to Perma-Fix 8/26/02	1.41	0.00
3.1.10	LA-W920 Elemental Mercury	0.44  (0.26)		Shipped to M&EC 4/24/02*	0.18	
3.1.11	LA-W907 Halogenated Organic Liquids	00.18  (0.00)  (0.07)  (0.11)  (0.20) Rec 0.20		Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 2/13/02 Onsite Recycling Administrative Adjustment	0.00	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0.94  (0.01)  (0.93)  (0.00) Rec		Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Onsite Recycling 6/6/02	0.00	0.00
3.1.11	LA-W909 Bulk Oils	2.08  (1.49) Rec  (1.20) 0.61		Shipped to Duratek 1/30/02 Shipped to Perma-Fix 7/23/02 Administrative Adjustment	0.00	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	5.81  (0.25) Trt		Shipped to Shaw 9/26/02	5.58	2.2

**FY04 Annual STP Update  
Background Volume  
3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY01 Annual Update (m <sup>3</sup> )	Proposed Revision 13.0 (m <sup>3</sup> )	Comments	FY02 Annual Update (m <sup>3</sup> )	Projection FY02-FY06 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
			0.02	Newly Covered		
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.24	(0.80) (0.00) (0.23) (0.45) 0.24	Shipped to WCS 1/30/02 Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 1/31/02 Administrative Adjustment	0.00	0.00
3.2	LA-W924 Lead Wastes – TBD	0.68	(0.68)	Administrative Adjustment	0.00	
3.2	LA-W925 Mercury Wastes – TBD	7.11	(0.00)* (0.26)	Shipped to M&EC 4/24/02 Shipped to WCS 6/4/02	6.85	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives					

**FY04 Annual STP Update**

**Background Volume**

**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY01 Annual Update (m <sup>3</sup> )	Proposed Revision 13.0 (m <sup>3</sup> )	Comments	FY02 Annual Update (m <sup>3</sup> )	Projection FY02-FY06 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68 (0.32) (0.95) 0.58		Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
3.2	LA-W933 Lab Packs	2.7 (0.00) (0.04) (0.26) (0.05) (0.96)		Shipped to WCS 6/4/02 Shipped to Perma-Fix 6/18/02 Shipped to Perma-Fix 8/26/02 Shipped to M&EC 8/26/02 Shipped to Perma-Fix 9/26/02	1.39	2.00
3.2	LA-W934 High Activity Waste	5.21			5.21	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.00			0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.03 (0.00)		Administrative Adjustment	12.03	N/A
	<b>TOTALS</b>	<b>75.14</b>	<b>(39.54)</b>		<b>35.62</b>	

\*Correspondence RRES/WD:02-020 inadvertently listed the incorrect volumes for these shipments. The volumes shown are correct.

**Appendix I  
Reported STP MLLW Inventories  
FY03 Update**

FY04 Annual STP Update

Background Volume

3/31/05

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY02 Annual Update (m <sup>3</sup> )	Proposed Revision 14.0 (m <sup>3</sup> )	Comments	FY03 Annual Update (m <sup>3</sup> )	Projection FY03-FY07 (m <sup>3</sup> )
3.1.1	LA-W901 IPA Wastes	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.00			0.00	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	0.00			0.00	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	0.00			0.00	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00	0.92 (0.92)	Expedited Ship Request 4/11/03 Shipped to Envirocare 4/30/03	0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	0.00			0.00	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0.00			0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.00			0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.00			0.00	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.69	(1.19) (0.9)	Shipped to WCS 09/3/2003 Administrative Adjustment	0.60	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.41	(0.60)	Administrative Adjustment	0.81	0.00
3.1.10	LA-W920 Elemental Mercury	0.18	(0.01)	Administrative Adjustment	0.17	

**FY04 Annual STP Update**
**Background Volume**
**3/31/05**

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY02 Annual Update (m <sup>3</sup> )	Proposed Revision 14.0 (m <sup>3</sup> )	Comments	FY03 Annual Update (m <sup>3</sup> )	Projection FY03-FY07 (m <sup>3</sup> )
3.1.11	LA-W907 Halogenated Organic Liquids	0.00			0.00	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0.00			0.00	0.00
3.1.11	LA-W909 Bulk Oils	0.00	0.73 (0.73)	2/14/03 Expedited Shipment Request Shipped to DSSI 2/20/03	0.00	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	5.58	(0.62)	Administrative Adjustment	4.96	2.2
3.1.11	LA-W923 Liquid and Solid Oxidizers	0.00	(0.00)	Shipped to Perma Fix 11/21/02	0.00	0.00
3.2	LA-W924 Lead Wastes – TBD	0.00			0.00	
3.2	LA-W925 Mercury Wastes – TBD	6.85	(3.99) (0.59) 0.11	Shipped to Envirocare 12/18/2002 Shipped to WCS 9/3/2003 Administrative Adjustment	2.38	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives					
3.2	LA-W933 Lab Packs	1.39	(0.18) (0.02) (0.21) (0.98)	Shipped to Perma Fix 11/21/02 Shipped to Perma Fix 4/4/03 Shipped to DSSI, M&EC, and Perma Fix 8/21/03 Administrative adjustment	0.00	2.00
3.2	LA-W934 High Activity Waste	5.21	(4.08) 6.02	Shipped to Duratek 8/26/03 Administrative Adjustment	7.15	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.00			0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.03	(12.01))	Administrative Adjustment	0.02	N/A
<b>TOTALS</b>		<b>35.64</b>	<b>(19.25)</b>		<b>16.39</b>	